Customer No.	026418	
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE		
Attorney's Docket No.:	**GK-EIS-1102/500593.20095**	
U.S. Application No.:		
International Application No.:	**PCT/EP2004/008217**	
International Filing Date:	**JULY 23, 2004**	**23 JULY 2004**
Priority Date Claimed:	**JULY 25, 2003**	**25 JULY 2003**
Title of Invention:	**METHOD AND APPARATUS FOR THE DIGITIZATION OF AND FOR THE DATA COMPRESSION OF ANALOG SIGNAL**	
Applicant(s) for (DO/EO/US):	**Axel HAUPT, Volker SCHMITT, Johannes HUBER and Bernd MATSCHKAL**	

VERIFIED ENGLISH TRANSLATION OF AMENDED CLAIMS 1 & 12 ATTACHED TO PCT/IPEA/409

UNITED STATES PATENT AND TRADEMARK OFFICE ANNEX U.S. 111

VERIFICATION OF A TRANSLATION

I, the below named translator, hereby declare that:
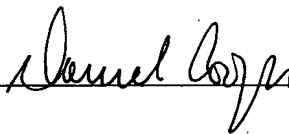
My name and post office address are as stated below:

That I am knowledgeable in the English language and in the language in
which the below-identified international application was filed, and that I
believe the English translation of the international application
 __PCT/EP2004/008217_____ is a true and complete translation of the above-identified
international application as filed.

I hereby declare that all statements made herein of my own knowledge are
true and that all statements made on information and belief are believed to be
true; and further that these statements were made with the knowledge that willful
false statements and the like so made are punishable by fine or imprisonment, or
both, under section 1001 of Title 18 of the United States Code and that such
willful false statements may jeopardize the validity of the application or any
patent issued thereon.

Date __January 11, 2006_____

Full name of the translator_____Daniel Cooper_____

Signature of the translator_____

Post Office Address __1310 Felicity Street, New Orleans, LA 70130__

New Claims 1 and 12:

1.   Method for processing digital source signals comprising the following steps: digitization of analog source signals, transformation of the digitized source signals from the time domain to the spherical domain, wherein the transformation is a D-dimensional transformation with D2, and logarithmic quantization of the radius in the spherical domain.

12.   Apparatus for processing digital source signals with means for the digitization of analog source signals, with means for the transformation of the digitized source signals from the time domain to the spherical domain, wherein the transformation is a D-dimensional transformation with D>2, and means of the logarithmic quantization of the radius in the spherical domain.